

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
ALEXANDER OLEK)
Serial No.: 09/890,377) Group Art Unit: 1637
Filed: July 27, 2001) Examiner: Jeffrey Norman Fredman
For: METHOD FOR THE IDENT- IFICATION OF CYTOSINE METHYLATION PATTERNS IN GENOMIC DNA SAMPLES	Confirmation Number: 2009))
Mail Stop Fee Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450	
Sir:	

INFORMATION DISCLOSURE STATEMENT

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, Applicant discloses the following information:

- 1. U.S. Patent No. 5,786,146, inventors Herman et al., issued July 28, 1998;
- 2. Herman et al., "Methylation-specific PCR: A novel PCR assay for methylation status of CpG islands," Proc. Natl. Acad. Sci. USA, 93:9821-6 (September 1996); and
- 3. Frommer et al., "A genomic sequencing protocol that yields a positive display of 5-methylcytosine residues in individual DNA strands," <u>Proc. Natl. Acad. Sci. USA</u>, 89:1827-31 (March 1992).

A copy of document no. 1 above is not being provided with this paper as this document is a U.S. patent; therefore, a copy of this document is not required. Copies of document nos. 2-3 above

are being provided with this paper. All of the above-listed documents are listed on the enclosed PTO Forms PTO/SB/08A and PTO/SB/08B. Applicant respectfully requests that the Examiner consider the above-listed documents and evidence that consideration by making appropriate notations on the enclosed form.

This submission does not represent that a search has been made or that no better prior art exists and does not constitute an admission that the above-listed documents constitute "prior art."

Applicant reserves the right to take appropriate action to establish the patentability of the disclosed invention over the above-listed documents, should the documents be applied against the claims of the present invention.

A check covering the \$180 fee due is enclosed herewith. If there are any other fees due in connection with the filing of this paper that are not accounted for, the Examiner is authorized to charge the fees to our Deposit Account No. 11-1755. If a fee is required for an extension of time

under 37 C.F.R. 1.136 that is not accounted for already, such an extension of time is requested and the fee should also be charged to our Deposit Account.

Respectfully submitted,

Kriegsman & Kriegsman

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Dated: bounder 24 2004

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on Norther 24, 2004.

Edward M. Kniegsman

Reg. No. 33,529

Dated: November 24 2004

PTO/SB/08A (08-03)

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TRADE Substitute for form 1449/PTO

Sheet 1

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Complete if Known				
Application Number	09/890,377			
Filing Date	July 27, 2001			
First Named Inventor	Alexander Olek			
Art Unit	1637			
Examiner Name	Jeffrey N. Fredman			
Attorney Docket Number	81702			

U. S. PATENT DOCUMENTS						
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (f known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		^{US-} 5,786,146	07-28-98	Herman et al.		
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	FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	_6		
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T ^e		
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Examiner Signature	Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

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Resobstitu	te for form 1449/PTO			Application Number	09/890,377	
INF	ORMATION	DIS	CLOSURE	Filing Date	July 27, 2001	
STATEMENT BY APPLICANT		First Named Inventor	Alexander Olek			
	// dec ee			Art Unit	1637	
(Use as many sheets as necessary)		Examiner Name	Jeffrey N. Fredman			
Sheet	1	of	1	Attorney Docket Number	81702	

		NON PATENT LITERATURE DOCUMENTS	_
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		HERMAN ET AL., "Methylation-specific PCR: A novel PCR assay for methylation status of CpG islands," Proc. Natl. Acad. Sci. USA, 93:9821-6 (September 1996)	
		FROMMER ET AL., "A genomic sequencing protocol that yields a positive display of 5-methylcytosine residues in individual DNA strands," Proc. Natl. Acad. Sci. USA, 89:1827-31	
		(March 1992)	

Examiner	Date	
Signature	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

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1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

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